

## Stoughton Road Corridor Study--Master Solution Tracking List

Potential Solution	Selected for Further Study?	Dropped from Consideration? When?	Comments
<b>Terminal/Beltline/Broadway Area:</b>			
Coordinate/adjust traffic signals	X		Will be completed in the corridor between Pflaum and Kinsman in 2006. Is included as part of all Alternatives.
Add more lanes for cars Extend 3 lanes north to Pflaum Merging issues N. of Broadway, Deal w/merges	X		May be considered
Create alternative "reliever route from Interstate to Iowa		X	Outside scope of study
Create Marsh Road overpass	X		Completed in 2004
Use 3-way stop or stop light at Menard's		X	Outside scope of study
Use earlier signage	X		May be implemented in the short term. Will be part of the Alternatives.
Better lane markings	X		May be implemented in the short term. Will be part of the Alternatives.
Bike route to relieve traffic gridlock	X		May be implemented in the short term. Will be part of the Alternatives.
Grade separate (overpass with ramps to Broadway)	X		Alternative B & C
Move Beltline interchange further east		X	Would conflict with IH39/90/94 and Beltline Interchange
Use over-or underpass at Femrite	X		Considered as an at-grade intersection in Alternative A. Bike/Ped only overpass included in Alt B and C
More capacity at 12/18 off-ramp Extend ramps; Third turn lane; Queue override	X		Short-term Improve
Ramp meters	X		May be considered with ITS evaluation
Reconstruct/realign westbound interchange area to accommodate bikes	X		Completed
Pedestrian and bike accommodations at Broadway	X		Many exist
Coordinate EB (12/18) to NB (51) Signals Signal interconnection/ramp – improve short-term	X		Signal timing improvement under study
Varied levels of free flow. Eastbound backup on ramp – free flow interchange	X	X	Alternative B & C
Grade separation at Broadway (free flow)	X		Alternative B & C, Not free flow
Eliminate Broadway		X	Needed connection
Relocate Broadway	X		Alternative A

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<b>Buckeye/Pflaum/Cottage Grove Area</b>			
Buckeye interchange	X		Alternative B & C
Buckeye overpass		X	Need connection
Pflaum interchange Pflaum and Buckeye/frontage road improvements Dead-end frontage rd at Pflaum or Buckeye Leave one interchange at Pflaum or Buckeye	X		Frontage road connections improved in all alternatives. Interchange concepts in Alt B and C.
Eliminate Wendy's access onto Pflaum Road	X		Will relocate in all alternatives
Pflaum overpass		X	Needs on/off access to schools
Longer lights at Pflaum for E-W traffic		X	Stoughton Road needs priority
Longer left turn light at Buckeye	X		May be incorporated in Alternative A
Coordinate/adjust signal timing at Buckeye and Pflaum	X		Signal timing improvement under study
Readjust signal timing at Cottage Grove Rd.	X		Signal timing improvement under study
Increase turn lane lengths at Buckeye	X		Alternative A
Increase turn lane lengths at Buckeye and Pflaum	X		Alternative A
Reduce traffic onto Pflaum and Buckeye		X	Necessary routes for east/west movements
Mark turning lanes on frontage roads at Buckeye	X		
Use overhead signage on Stoughton Road to warn of accidents, etc.	X		ITS evaluation
Lower speed limits/make consistent through area	X		Effects of lower speeds will be evaluated
Create entrance/exit to 90/94 for those on the far end of Buckeye		X	Adding more traffic to the IH system not desirable
Extend frontage road south to Broadway Connect frontage rd (Turner Gymnastics to Broadway)	X		Bike/Ped Only
Make frontage road one-way	X		Alternative B

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<b>Buckeye/Pflaum/Cottage Grove Area</b>			
Move frontage road connections back from Stoughton Road and eliminate driveways	X		Alternative A
Move frontage road behind businesses Relocated access to frontage road		X	High Impact/Low Return
Six lanes on Stoughton Road Additional lanes – acceleration/deceleration lanes		X	Assessment showed improvements needed at intersections. Further evaluation of lane capacity will be completed in the future.
Short-term – dual left turn lanes/ intersection improvements	X		Alternative A
Improve Cottage Grove Road interchange – acceleration/deceleration length (ramp geometry)	X		All Alternatives
Connect sidewalks, signal timing, pedestrian overpass	X		All Alternatives
Redesign intersections	X		Alternative A
Redesign/relocate all frontage roads on north side of Buckeye	X		Alternative B & C
Half diamond (S.) at Pflaum & full diamond at Buckeye	X		Alternative B
Cottage Grove – fix ramp tapers	X		All Alternatives
<b>Milwaukee/HWY 30/Railroad Area/Nakoosa-Lexington/Commercial</b>			
Extend third lane to Beltline Extend 3rd lane, southbound, south of Milwaukee St.		X	Assessment showed improvements needed at intersections. Further evaluation of lane capacity will be completed in the future.
Extend median lane north of Milwaukee		X	Assessment showed improvements needed at intersections. Further evaluation of lane capacity will be completed in the future.
Tri-level with flyover/under and roundabouts at Hwy 30	X		Alternative C - Roundabouts may be considered
Remove free-flow eastbound 30 to southbound 51	X		Alternative A & B
Extend southbound merge lane from STH 30		X	Would require work on Milwaukee Street Structure.
STH 30 interchange redo to put signals on STH 30		X	STH 30 is high volume/free flow to IH
Add lanes on STH 30 ramps	X		Dependant on Alternative B
Merging improvements at STH 30	X		Alternative A & B
Double-decker overpass for railroad and E. Washington and Hwy 30	X		Alternative C
Flyover ramps from Nakoosa to Milwaukee (connect with E. Wash flyover) or roundabout	X		Alternative C
Overpass at railroad	X		Alternative C
Overpass at Lexington/Commercial	X		Alternative C
Interchange at Lexington/Commercial	X		Alternative C

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<b>East Washington Area</b>			
Overpass at E. Wash.	X		Alternative B & C
Build interchange at E. Wash.- - single point - three-level diamond	X	X	Alternative C Evaluated 3rd level, cost/benefit not found
Overhead road over E. Wash.		X	More beneficial for road to go under E. Wash
Longer lights/adjust synchronization		X	Too much traffic @ E. Wash
Access roads for businesses - frontage or backage - East Washington and Stoughton Road	X X		Some connections made
Additional stacking lanes	X		Alternative A
Extend Anderson to Lien Rd.	X		All Alternatives
Eliminate stop lights and let traffic flow (bridge and/or off-ramps?)	X		Alternative C & B2
Roundabout for local traffic on E. Washington/Stoughton Road (Stoughton Road regional traffic free-flow over the top)	X		Modification to Alt B and C, may be considered
Interchange/Grade separation at E. Washington – put all ramp movements at Lien/Anderson – extend Lien Rd	X		Alternative B2 & C
Mendota/East Washington signal – eliminate	X		Alternative B1
Grade separation to accommodate Anderson	X		Alternative B2 & C
Roundabout at Anderson	X		Considered in Alt A
Remove skew in 51 at East Washington	X		All Alternatives (reduced)
Timing of signals (Mendota after right turn off NB 51)	X		May be considered in Alternative A
Narrower lanes on East Washington thru USH 51	X		Matches rest of E. Wash
Signal coordination on East Washington (east of intersection, Mendota)	X		Considered in East Wash project
Consolidate bus stops	X		May be implemented, depends on selected alternative
Close driveways by Pedro's	X		Consolidated with frontages
Close Pierstorff	X		Alternative C overpass, right in/out in other alts
Extend guardrail in median near airport landing system/new barrier system	X		Depends on selected alternative
Interchange at Hanson		X	Airport Safety Zone Conflict
Extend Hanson Road to west		X	Airport Safety Zone Conflict
Eliminate Hanson Road intersection	X		Alternative C
Interchange at Hoepker	X		Alternative B & C

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<b>Pierstorff to Token Creek</b>			
Make Hoepker "more attractive" than CV	X		Alternative B & C
Improve length of turning bays on Hoepker Road	X		All Alternatives
Make Hoepker Road right in/right out only		X	Needed connection for through movements
Signals or roundabout at Hoepker Road	X		Alternative A
Close Acker Road	X		Consolidated with frontage in B & C
Make Acker Road right & left in/right out		X	Too close too Hoepker & CV
Signalize Acker Road		X	Too close too Hoepker & CV
Interchange at CV		X	Too close to IH, CV relocated to Hoepker in Alt B and C
Remove truck stop accesses from I-39/90/94 exit ramp tapers	X		All Alternatives
Move access back away from I-39/90/94 interchange	X		All Alternatives
Change I-39/90/94 to a diamond interchange with signals	X		Alternative A & B - Signals - with current configuration
Off-road bike path, Token Creek Park to Rieder Road area	X		All Alternatives - City
<b>Bicycle/Pedestrian Concerns</b>			
Pedestrian/bike bridge or tunnel	X		Several being considered
Designated turn/merging/bike lanes	X		On crossroads
Create separate bikeway connecting service road segments	X		Some connections being made
"Countdown" lights at Buckeye/Pflaum	X		May be considered, ITS evaluation
More clear markings or more signs on bike paths	X		All Alternatives

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<b>General Traffic Flow Concerns</b>			
Make Sprecher-Reiner 4 lanes	X		Long range plan
Limited access from E. Washington to Beltline	X		Alternative B & C
Lengthen/reconfigure short exit and entrance lanes	X		All Alternatives
Add commuter rail from Deerfield to Madison	X		Another Study
Restrict residential roads to local traffic	X		Hope improvements will
Over/underpasses to facilitate traffic	X		Several locations Alternative B & C
Synchronize lights to work together on entire corridor	X		
Research other mass transit systems (Denver)	X		Another Study
Make Stoughton Rd. a Beltline	X		Alternative C
New bypass at Reiner-Sprecher Rd.		X	Long term - a bypass more local
Improve pavement marking & signing	X		
Move service road intersections away from main intersections	X		
Use dual turn lanes	X		
Add another north-south lane	X		Auxiliary Lanes added
Eliminate access road altogether and widen Stoughton Rd. with longer off-ramps		X	Access needed
Make semis use the Interstate unless doing local deliveries		X	Industrial Corridor
Put access roads behind businesses		X	More impacts
<b>Noise Concerns</b>			
Run Stoughton Rd. in a tunnel/grade separation of road with walls	X		Will be in many locations in Alternative B & C
Add noise walls/barriers/berms/plantings	X		Maybe considered in some areas
Buy me out	X		
Quiet pavement alternative	X		Researching
No engine breaking on Cottage Grove Rd. ramps	X		Ramp improvements should help